

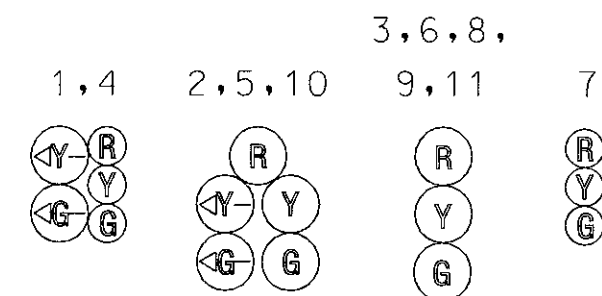
US 13 BUS. IS ASSUMED TO RUN
IN A NORTH / SOUTH DIRECTION

EXISTING SIGN

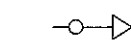
12,13,14,15



EXISTING SIGNALS



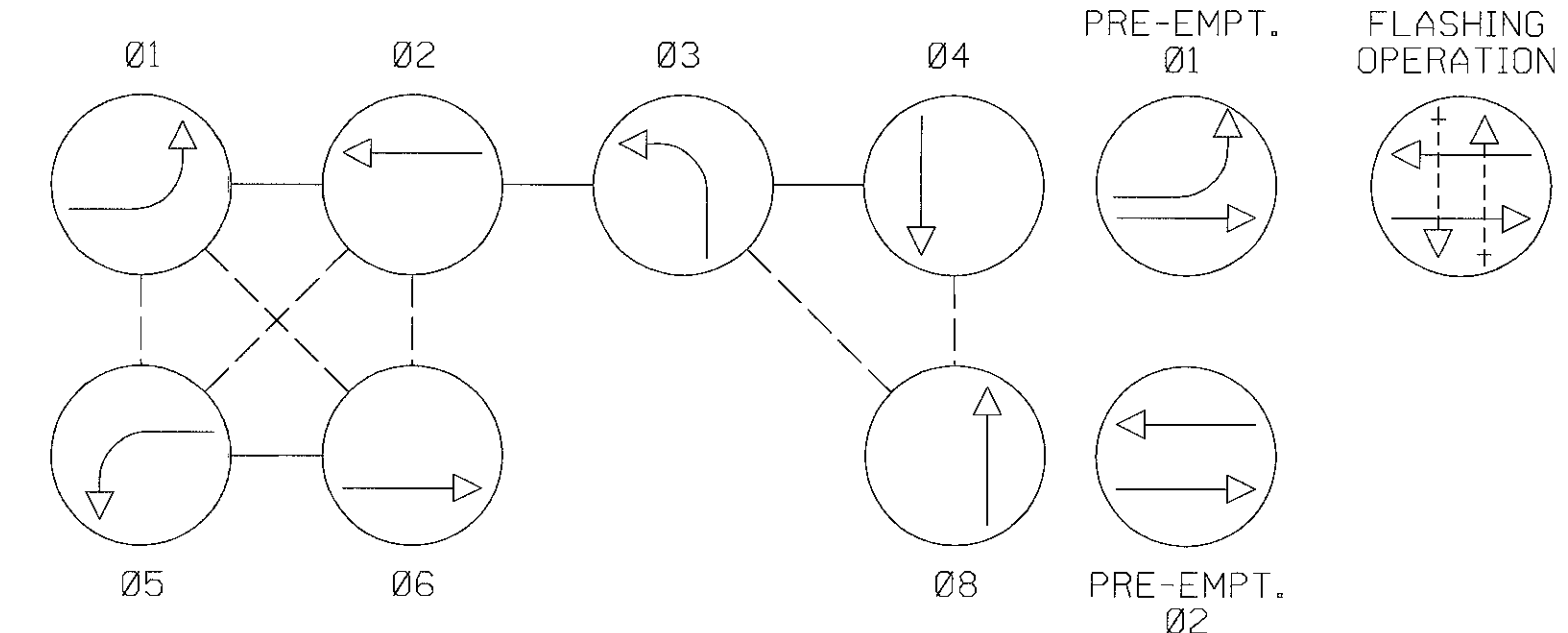
EXISTING OPTICOM
DETECTOR



PROPOSED VIDEO
DETECTION



NEMA PHASING



NOTE:
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

US 13 BUSINESS

US 13 BUSINESS

CONSTRUCTION DETAILS

- A. INSTALL OVERHEAD VIDEO DETECTION CAMERA ON EXISTING MAST ARM AS SHOWN.
- B. USE EXISTING MAST ARM POLE.
- C. USE EXISTING CONDUIT.
- D. USE EXISTING HANDHOLE.
- E. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
- F. USE EXISTING CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT).
- G. INSTALL MICROLOOP PROBES WITH 500 FT. LEAD-IN CABLE. (TO BE PLACED IN THRU LANE ONLY).
- H. INSTALL 1 IN. LIQUID-TIGHT FLEXIBLE NON-METALLIC ELECTRICAL CONDUIT. (FOR DETECTOR WIRE SLEEVE).
- J. INSTALL MICROLOOP PROBES WITH 1000 FT. LEAD-IN CABLE. (TO BE PLACED IN THRU LANE ONLY).

GENERAL NOTES

- 1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
- 2. THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL MICROLOOP PROBE LEAD-IN CABLES AND VIDEO DETECTION CAMERA CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE SO THAT SHA FORCES CAN MAKE THE FINAL CONNECTIONS.
- 4. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE SIGNAL MODIFICATIONS.
- 5. ALL UNUSED SIGNAL CABLES SHALL BE REMOVED AND DISPOSED.

GEOMETRIC LEGEND

EXISTING
PROPOSED

UTILITY LEGEND

SD STORM DRAIN
G GAS MAIN
W WATER MAIN
S SEWER MAIN
E ELECTRIC CABLES
A AERIAL CABLES
T TELEPHONE CABLES



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REVISIONS				APPROVALS			
© SHA NO. W1516A21 03-03-04 REMOVE PRESENCE DETECTION AND INSTALL VIDEO DETECTION				TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION			
SWA [Signature] 01-03-94 B SHA NO. 855-25040061 INSTALL OPTICOM PRE-EMPTION				ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION			
MAR	DD		TH	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION			
A CHANGED SIGNAL HEADS AND SIGNS				05-28-88			
BT	SR	DAZ	ETP	TH	DIRECTOR, OFFICE OF TRAFFIC & SAFETY		



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNAL PLAN
US 13 BUSINESS AT ZION ROAD /
WEST ZION ROAD

DRAWN BY: TOM ZAYDEL	F.A.P. NO. WI-617-501-185	TS NO. 1855 C	SHEET NO.
CHECKED BY: WILLIAM RICHARDSON	S.H.A. NO. WICOMICO	T.I.M.S. NO. 22B01307.76	
SCALE: 1" = 20'	COUNTY: WICOMICO	LOG MILE: 22B01307.76	OF
DATE: 02/23/82	LOG MILE: 22B01307.76		

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DATE: 04-Mar-04 16:43